



**DEPARTMENT OF THE ARMY**  
HEADQUARTERS, U.S. ARMY GARRISON  
BUILDING 1001 ROOM W321  
FORT HOOD, TEXAS 76544-5000

REPLY TO  
ATTENTION OF

APR 6 2005

IMSW-HOD-PWE

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Memorandum of Instruction (MOI) for Purge Facility Procedures

1. PURPOSE: To establish guidelines for preparation of fueling equipment for purge appointments.

2. GENERAL:

a. Purging appointments are available by calling the Purge Facility, Bldg 1953, 286-5993.

b. The Purge Facility is located on 37<sup>th</sup> Street and North Avenue.

c. All purges are conducted by appointment only; two appointments are allotted daily, with one vehicle per appointment. Allow 2 to 3 hours per purge operation.

d. Two personnel who are trained and capable of operating equipment must be present during purging process.

e. Personnel must provide and utilize Personal Protective Equipment for purging process.

f. All equipment must be operational to complete the purging process.

2. PREPARATION:

a. M978 Heavy Expanded Mobility Tactical Truck (HEMTT) Fueler:

(1) Remove the following:

(a) Manhole cover.

(b) Red cup inside the manhole cover.

(c) Tank level indicator that is in the top left corner of the tank.

(d) Filter elements in the separator.

- (2) Completely drain all lines, tank, and separator of fuel.
  - (3) Replace gasket and retighten separator lid according to Technical Manual (TM) instructions.
- b. M969 5,000-Gallon Fuel Tanker:
- (1) Ensure pony engine has fuel and is operational.
  - (2) Remove the following:
    - (a) Manhole cover.
    - (b) Filter elements inside the separator.
  - (3) Completely drain all lines, tank, and separator of fuel.
  - (4) Replace gasket and retighten separator lid according to TM instructions.
- c. M939 Tank and Pump Unit (TPU) – 5-Ton:
- (1) Remove the following:
    - (a) Manhole cover.
    - (b) Filter elements inside the separator.
  - (2) Completely drain all lines, tank, and separator of fuel.
  - (3) Replace gasket and retighten separator lid according to TM instructions.
  - (4) Bring slave cable to operate pump.
  - (5) Ensure valves inside tanks are adjusted properly.
- d. TPU – Tanks only:
- (1) Remove manhole cover.
  - (2) Completely drain all lines and tank of fuel.
  - (3) Ensure discharge valves are adjusted properly.

3. POST-PURGING PROCEDURES:



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- a. You will receive a certificate of completion once the entire purge process is complete.
- b. Take the equipment back to the motor pool; open all lines, valves, and covers; and let drain into a spill container.
- c. Extend hoses and drain using gravity feed into spill container to ensure lines are empty. Repeat as necessary until all liquid is gone.
- d. On 5,000-gallon fuel tanks, remove separator lid and use poly pads to wipe out the bottom of the separator to remove residue. Dispose of poly pads in proper Used Product Reclamation Point container.

4. Point of contact for Purging Operations is Mr. Al Mills, 286-5993.

5. EXPIRATION. This MOI will remain in effect until superseded or rescinded.

FOR THE COMMANDER:

*Roderick Chisholm*  
RODERICK A. CHISHOLM  
Director of Public Works

DISTRIBUTION:

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